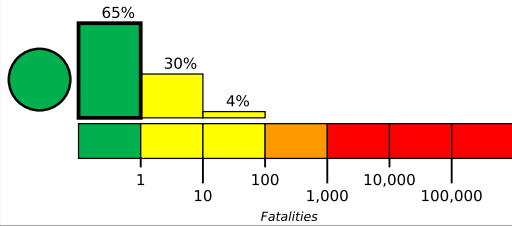


## M 5.7, 4km NNE of Magna, Utah

Origin Time: 2020-03-18 13:09:31 UTC (Wed 07:09:31 local)  
Location: 40.7512° N 112.0808° W Depth: 10.1 km

Created: 31 minutes, 17 seconds after earthquake

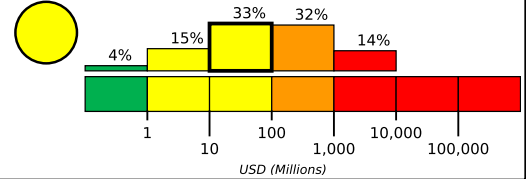
### Estimated Fatalities



Yellow alert for economic losses. Some damage is possible and the impact should be relatively localized. Estimated economic losses are less than 1% of GDP of the United States. Past events with this alert level have required a local or regional level response.

Green alert for shaking-related fatalities. There is a low likelihood of casualties.

### Estimated Economic Losses

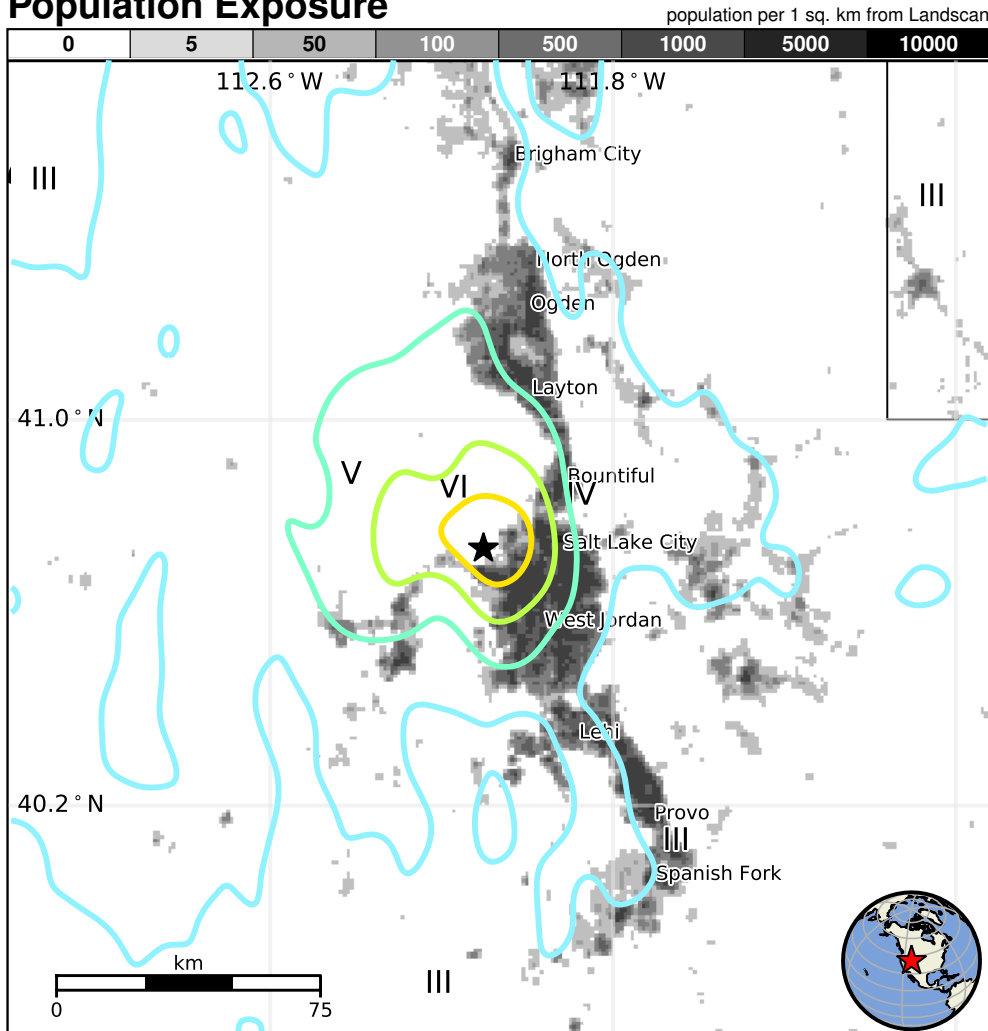


### Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	383k*	1,270k*	599k	271k	139k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

### Population Exposure



### Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1983-10-28	398	5.6	V(8k)	—
1994-02-03	243	5.8	VIII(1k)	—
1983-10-28	395	6.9	VII(2k)	2

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

### Selected City Exposure

from GeoNames.org

MMI	City	Population
VII	Magna	27k
VII	West Valley City	129k
VI	Kearns	36k
VI	Taylorsville	59k
VI	Oquirrh	12k
VI	Stansbury park	5k
V	Salt Lake City	186k
V	West Jordan	104k
IV	Sandy Hills	90k
III	Orem	88k
III	Provo	112k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/uu60363602#pager>

bold cities appear on map.

(k = x1000)

Event ID: uu60363602